

Souhegan ADOs		Data from NHDES Dam Bureau database - may contain errors, check Dam Bureau from												TBLWAYNE from NMcGrath 20040121 revised.xls											
DAM	NAME	RIVER	HEIGHT	FREBRD	EMERSPILL	UNCOVERSPI	STOPLOGS	PONDRAIN	GATE	DROPINLET	IMPND	DA	MAXSTOR	PERMSTOR	DESSTRM	MXUDISCP	TOTDISCP	Q100							
007.01	JOE ENGLISH POND DAM	JOE ENGLISH BROOK	5.5	1.5	N	Y	N	N	N	N	36	3.13	101	47	427	144	144								
007.04	LINCOLN POND DAM	TR JOE ENGLISH BROOK	6								10	0.3	33.2	13.2	0.06										
007.09	VIJVERHOF POND DAM	TR JOE ENGLISH BROOK	9	3	Y	N	Y	N	N	Y	34	0.69	100	80		290									
007.15	DREAM LAKE DAM	NATURAL SWALE	6.5								10.4	0.25	36.24	15.44											
147.17	BURTON POND DAM	TR STONY BROOK	14								41	0.46	350	300		75									
147.28	SOUHEGAN SITE 8 DAM	FURNACE BROOK	25		Y	Y	Y	Y	Y	Y	48	4.48	2541	50		6915	106	844							
147.31	SWARTZ POND DAM	TR STONY BROOK	12	1.5	N	Y	N	N	N	N	10	0.26	40	30	22	66	66								
147.36	SOUHEGAN SITE 8 CEMETARY DIKE	SOUHEGAN RIVER	16								48	4.44	307	253				844							
147.37	SOUHEGAN SITE 8 SOUTH DIKE	SOUHEGAN RIVER	9								48	4.44	170	130				844							
156.01	MERRIMACK VILLAGE DAM	SOUHEGAN RIVER	20.5	8	N	Y	Y	Y	Y	N	12	171	170	85	10870	10260	10475	13330							
159.04	OSGOOD POND DAM	GREAT BROOK	9	1.9	N	Y	Y	Y	Y	N	24.16	5.24	270	57	158.6	581.8	581.8								
175.03	PRATT POND DAM	PRATT BROOK	6.5	1.5							35	0.74	110	58	47	36	128								
175.09	WATERLOOM POND DAM	SOUHEGAN RIVER	22.5							N	75	23.1	665	420	32340	1950	1800								
175.19	SOUHEGAN RIVER SITE 19 DAM	SOUHEGAN RIVER	35.5	9.9	Y	Y	N	Y	Y	Y	25	11.4	1650	85.3	234	12973	16380	234							
175.20	SOUHEGAN RIVER SITE 13 DAM	TR SOUHEGAN RIVER	13.5	3	Y	N	N	Y	Y	Y	10	0.8	278	13.6	165	1197	1197	1020							
175.21	SOUHEGAN RIVER SITE 35 DAM	SOUTH BRANCH	SOUHEGAN	30	4.6	Y	Y	N	Y	Y	24.9	6.4	647	37	12670	9135	9135	1306							
175.23	WHEELER POND DAM	STARK BROOK	5								11		32.89	10.89				75							
234.11	SOUHEGAN RIVER SITE 12ASOUTH	RICHARDSON BROOK	33.5	8.5	Y	N	N	Y	Y	Y	108	5.6	3310	690	922	6310	6310	922							
234.16	SOUHEGAN RIVER SITE 12A NORTH	MILLER GAMBLE RIVER	37.5	18.5	N	N	N	N	Y	N	108	5.6	3310	690	6310	6310	6310	922							
254.05	STONEY BROOK DAM	STONEY BROOK	23								15	33	75	25	5880	5700									
254.09	NEW WILTON RESERVOIR DAM	STOCKWELL BROOK	24	1.3	N	Y	Y	Y	Y	Y	22.1	0.4	335	240	33.3	105	127	33.3							
254.30	SOUHEGAN RIVER SITE 15 DAM	KING BROOK	13		Y	Y	N	Y	Y	Y	69	1.1	708	74		1040		24							
254.34	SOUHEGAN RIVER SITE 33 DAM	KING BROOK	21		Y	N	N	Y	Y	Y	12	1	900	24	1080	2100									
e. The dam state ID number;	a. The name of the dam;	g. The name of the water body impounded by dam and the downstream river;	m. The height of the dam, in feet, from toe to the highest point on the dam;	n. The freeboard, as defined in Env-Wr 101.16, in feet;	o. The type of spillway control(s) or outlet works;												p. The surface area, in acres of impoundment at maximum impoundment;		q. The drainage area, in square miles;	r. The maximum storage, in acre-feet, which is the volume of water which could be impounded above the natural pond or stream elevation, with the water level at the top of dam, or with the water level at the highest elevation which could be hydrologically attained, if this elevation is below the top of dam;	s. The normal storage, in acre-feet, which is the volume of water impounded above the natural pond or stream elevation when the water level is at the spillway crest;	t. The design storm discharge, in cubic feet per second (cfs);	u. The maximum unoperated discharge, in cubic feet per second (cfs);	v. The maximum storm discharge, in cfs;	x. The estimated 100-year flood flow, in cfs;
NH dam number	Common name of dam	River or waterbody that dam is located on	Height of dam in feet	The amount, in feet, of freeboard to the top of the dam, recreational level to top of dam	Emergency spillway	Uncontrolled spillway	Stoplogs	Pond Drain	Gate	Drop Inlet	Surface area in acres	Drainage area in square miles	Storage in acre-feet to the top of the dam	Storage in acre-feet at recreational pool	The corresponding storm for the hazard classification in cfs, this may be routed	The unoperated maximum discharge capacity to the top of the dam in cubic feet per second (cfs)	The total discharge capacity of the dam with operations in cfs	The 100 year storm in cfs, preferably routed							

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DAM	NAME	PLANS	BUILT	CLASOWN	LENGTH	TYPE	QUAD	BATHMAP	NATDAMID	USE	
007.01	JOE ENGLISH POND DAM	N		F	95	EARTH	179	Y	NH01165	R	
007.04	LINCOLN POND DAM	N		P	100	EARTH	180	Y	NH01166	R	
007.09	VIJVERHOF POND DAM	N	1962	P	300	EARTH	179	N	NH00485	R	
007.15	DREAM LAKE DAM	N		P	50	CONCRETE	196	N	NH01172	R	
147.17	BURTON POND DAM	N	1846	P	160	EARTH	194	N	NH00175	R	
147.28	SOUHEGAN SITE 8 DAM	Y	1977	S	570	CONCRETE	178	N	NH00474	F	
147.31	SWARTZ POND DAM	N	1930	P	300	CONCRETE	178	N	NH00428	R	
147.36	SOUHEGAN SITE 8 CEMETARY DIKE	N	1977	S	375	EARTH	178	N	NH01073	F	
147.37	SOUHEGAN SITE 8 SOUTH DIKE	N	1977	S	330	EARTH	194	N	NH01074	F	
156.01	MERRIMACK VILLAGE DAM	Y	1907	P	180	CONCRETE	197	N	NH00115	R	
159.04	OSGOOD POND DAM	N	1861	M	150	STONE/EARTH	195	Y	NH00314	R	
175.03	PRATT POND DAM	N	1890	P	150	CONCRETE	207	N	NH00557	R	
175.09	WATERLOOM POND DAM	N	1840	P	214	CONCRETE	208	Y	NH00355	H	
175.19	SOUHEGAN RIVER SITE 19 DAM	Y	1964	S	1250	EARTH	208	N	NH00434	F	
175.20	SOUHEGAN RIVER SITE 13 DAM	Y	1964	S	1120	EARTH	194	N	NH00432	F	
175.21	SOUHEGAN RIVER SITE 35 DAM	Y	1965	S	1209	EARTH	207	N	NH00435	F	
175.23	WHEELER POND DAM	Y		P	170	EARTH	193	N	NH03497	R	
234.11	SOUHEGAN RIVER SITE 12ASOUTH	Y	1967	S	290	EARTH	194	N	NH00210	F	
234.16	SOUHEGAN RIVER SITE 12A NORTH	N	1967	S	1190	EARTH	194	N	NH00878	F	
254.05	STONEY BROOK DAM	N	1837	M	81	CONCRETE	195	N	NH00260	R	
254.09	NEW WILTON RESERVOIR DAM	N	1933	M	123	CONCRETE	194	N	NH00261	W	
254.30	SOUHEGAN RIVER SITE 15 DAM	Y	1964	S	305	EARTH	194	N	NH00263	F	
254.34	SOUHEGAN RIVER SITE 33 DAM	Y	1973	S	510	EARTH	195	N	NH00265	F	
DES ID #		Yes or No if we have plans of the dam on file at Dam Bureau	The year the dam was built or rebuilt	Classification of owner: P-private, M-municipal, S-state, F-federal	Length of dam in feet	Principal component of dam construction	USGS map# that the dam is on, GIS quad #	Yes or No if a bathymetric map is on file with the biology bureau	National ID#	Main use of dam; H-Hydro, L-Lagoon, R-Recreation, W-Water Supply, D-Detention, M-Mill, C-Conservation/Agriculture, P-Fire Protection	
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